

7/25/2024

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL175121

**Name:** BEAVER DAM LAKE IMPROVEMENT ASSOCIATION: COMP - Rakes Bay Subwatershed of Beaver Dam Lake Analysis

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 3/15/2021

**End Date:** 12/31/2022

**Purpose:**

Beaver Dam Lake Improvement Association is sponsoring a project to restore wetland hydrology and Rakes Bay, an important contributor of phosphorus to Beaver Dam Lake, Dodge County.

Specific project activities include: 1) data gap analysis, water quality and sediment monitoring, 2) use PC-SWMM model to predict water quality benefits, 3) community outreach opportunities provided, 4) evaluate upstream drainage area for specific bmps, 5) determine recommendations, funding and implementation schedule and present final report to a community public meeting.

Project final deliverables include: 1) all raw data collected under the grant in format acceptable to the department, a technical memo comparing existing model with monitored flows, summary of current flow and water quality data, a map of utilities in project area, topo maps with soils data; 2) results of PC-SWMM model with summary of resulting analyses, 3) summary of community outreach, 4) maps and graphics summarizing the evaluation of bmps and final recommendations to protect Rakes Bay, 5) final report including recommendations, funding and implementation schedule.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the Department in a format specified by the regional Lake Biologist.

If consultant is to provide final report, it is recommended that Grantee provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive both paper and electronic .pdf copies of the final report along with, or prior to submission of grantee's final payment request

**Objective:**

**Comments:** Grantee is BEAVER DAM LAKE IMPROVEMENT ASSOCIATION

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Beaver Dam Lake Improvement As	TEAM_MEMBER	ACTIVE	4/27/2021		Beaver Dam Lake Improvement Association	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Wisconsin Department of Natural Resources  
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Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant LPL175121 awarded	3/15/2021	12/31/2022	COMPLETE

Monitoring Stations

Station ID	Name	Comments
143120	Beaver Creek at CTH G	
143311	Beaver Dam Lake - Breezy Point	
143122	Beaver Dam Lake - Deep Hole (Denning Point)	
10049214	Beaver Dam Lake - Rakes Bay	
10055060	Mill Creek - Mouth at Beaver Dam Lake	
10042592	Trib (WBIC 836900) to Beaver Dam Lake at CTH CC	
10055064	Unnamed Trib (WBIC 5030818) to Beaver Dam Lake at CTH FW	
10055063	Unnamed Trib (WBIC 836800) at CTH CC	

Assessment Units

WBIC	Segment	Local Name	Official Name
835100	1	Beaver Dam Lake	Beaver Dam Lake
835500	1	Mill Creek	Mill Creek
836500	1	Beaver Creek	Beaver Creek
836900	1	Unnamed	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
4/28/2021 9:00	COMPLETE	CC=17D	10042592	Trib (WBIC 836900) to Beaver Dam Lake at CTH CC
4/28/2021 9:30	COMPLETE	CC=17C 04/28	10055063	Unnamed Trib (WBIC 836800) at CTH CC
4/28/2021 10:00	COMPLETE	FW=45 10:30	10055064	Unnamed Trib (WBIC 5030818) to Beaver Dam Lake at CTH FW
5/13/2021 9:00	COMPLETE	FW=45 9:30	10055064	Unnamed Trib (WBIC 5030818) to Beaver Dam Lake at CTH FW
5/13/2021 9:30	COMPLETE	CC=17C 10:00	10055063	Unnamed Trib (WBIC 836800) at CTH CC
5/13/2021 9:30	COMPLETE	CC=17D 10:00	10042592	Trib (WBIC 836900) to Beaver Dam Lake at CTH CC

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5/17/2021 15:00	COMPLETE	MILL CREEK-1	10055060	Mill Creek - Mouth at Beaver Dam Lake
5/17/2021 15:30	COMPLETE	RAKES BAY-1	10049214	Beaver Dam Lake - Rakes Bay
5/17/2021 16:30	COMPLETE	BEAVER CREEK-1	143120	Beaver Creek at CTH G
5/24/2021 9:00	COMPLETE	FW=45-3	10055064	Unnamed Trib (WBIC 5030818) to Beaver Dam Lake at CTH FW
5/24/2021 9:30	COMPLETE	CC=17C-3	10055063	Unnamed Trib (WBIC 836800) at CTH CC
5/24/2021 9:30	COMPLETE	CC=17D-3	10042592	Trib (WBIC 836900) to Beaver Dam Lake at CTH CC
6/21/2021 9:00	COMPLETE	FW=45-4	10055064	Unnamed Trib (WBIC 5030818) to Beaver Dam Lake at CTH FW
6/21/2021 9:00	COMPLETE	RAKES BAY-HWY G-0621	10049214	Beaver Dam Lake - Rakes Bay
6/21/2021 9:30	COMPLETE	CC=17C-4	10055063	Unnamed Trib (WBIC 836800) at CTH CC
6/21/2021 9:30	COMPLETE	CC=17D-4	10042592	Trib (WBIC 836900) to Beaver Dam Lake at CTH CC
6/28/2021 12:30	COMPLETE	10055060	10055060	Mill Creek - Mouth at Beaver Dam Lake
6/28/2021 12:45	COMPLETE	10049214	10049214	Beaver Dam Lake - Rakes Bay
6/29/2021 12:00	COMPLETE	143120	143120	Beaver Creek at CTH G
7/15/2021 9:00	COMPLETE	FW=45-5	10055064	Unnamed Trib (WBIC 5030818) to Beaver Dam Lake at CTH FW
7/15/2021 9:30	COMPLETE	CC=17C-5	10055063	Unnamed Trib (WBIC 836800) at CTH CC
7/15/2021 9:30	COMPLETE	CC=17D-5	10042592	Trib (WBIC 836900) to Beaver Dam Lake at CTH CC
7/19/2021 11:30	COMPLETE	BEAVER CREEK AT CTH	143120	Beaver Creek at CTH G
7/19/2021 12:30	COMPLETE	10049214 RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
7/19/2021 12:45	COMPLETE	10055060 (MILL CREEK	10055060	Mill Creek - Mouth at Beaver Dam Lake
7/19/2021 13:00	COMPLETE	143311 BREEZY POINT	143311	Beaver Dam Lake - Breezy Point
7/19/2021 13:30	COMPLETE	143122 DEEP HOLE (DE	143122	Beaver Dam Lake - Deep Hole (Denning Point)
8/9/2021 17:00	COMPLETE	CC=17C-6	10055063	Unnamed Trib (WBIC 836800) at CTH CC
8/9/2021 17:00	COMPLETE	CC=17D-6	10042592	Trib (WBIC 836900) to Beaver Dam Lake at CTH CC
8/9/2021 17:00	COMPLETE	FW=45-6	10055064	Unnamed Trib (WBIC 5030818) to Beaver Dam Lake at CTH FW
8/9/2021 17:30	COMPLETE	RAKES BAY-HWY G-0621	10049214	Beaver Dam Lake - Rakes Bay
8/23/2021 1:30	COMPLETE	10049214 RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
8/23/2021 1:45	COMPLETE	10055060 (MILL CREEK	10055060	Mill Creek - Mouth at Beaver Dam Lake
8/23/2021 12:30	COMPLETE	BEAVER CREEK AT CTH	143120	Beaver Creek at CTH G

### Documents

Title	Description	Author	Published	Comments
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### Budget

7/25/2024

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Combined Budgets:  
Combined WSLH:  
Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date